

FORM PTO-1449 SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 0652.2190001/EKS/M-M	APPLICATION NO. 09/987,455
		APPLICANT Manosroi et al.	
		FILING DATE November 14, 2001	GROUP 1652

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
ME	AA						
ME	AB1 2003/0013150 A1	01/16/2003	Manosroi et al.				11/14/2001
	AC1 2003/0049729 A1	03/13/2003	Manosroi et al.				11/14/2001
AD							
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	AL						Yes No
	AM						Yes No
ME	AN2 WO 02/40696	05/23/2002	WIPO				Yes No
ME	AO2 WO 02/40650	05/23/2002	WIPO				Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
ME	AR	17	Hu, S.Z., et al., "Minibody: A Novel Engineered Anti-Carcinoembryonic Antigen Antibody Fragment (Single-chain Fv-CH ₁) which exhibits rapid, high-level targeting of xenografts," <i>Cancer Res.</i> 56:3055-3061, American Association for Cancer Research (1996).
ME	AS	17	Huston, J.S., et al., "Protein engineering of antibody binding sites: Recovery of specific activity in an anti-digoxin single-chain Fv analogue produced in <i>Escherichia coli</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 85:5879-5883, National Academy of Sciences (1988).
ME	AT	17	Kortt, A.A., et al., "Single-chain Fv fragments of anti-neuraminidase antibody NC10 containing five- and ten-residue linkers form dimers and with zero-residue linker a trimer," <i>Protein Eng.</i> 10:423-433, Oxford University Press (1997).

EXAMINER	N Shad	4/26/04	DATE CONSIDERED
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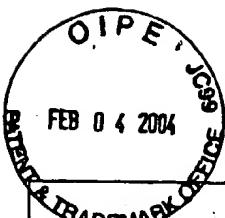
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>NL</i>	AR	<u>18</u>	Lovejoy, B., et al., "Crystal Structure of a Synthetic Triple-Stranded α -Helical Bundle," <i>Science</i> 259:1288-1293, American Association for the Advancement of Science (1993).				
<i>NL</i>	AS	<u>18</u>	NCBI Entrez, Genbank report, Accession No. AF268281, from Rader, C., and Barbas, C.F. III (October 2000).				
<i>NL</i>	AT	<u>18</u>	Pack, P., et al., "Improved Bivalent Miniantibodies, with Identical Avidity as Whole Antibodies, Produced by High Cell Density Fermentation of <i>Escherichia coli</i> ," <i>Bio/Technology</i> 11:1271-1277, Nature Publishing Co. (1993).				

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<i>Ne</i>	AR	19	Pack, P., et al., "Tetraivalent Miniantibodies with High Avidity Assembling in <i>Escherichia coli</i> ," <i>J. Mol. Biol.</i> 246:28-34, Academic Press Ltd. (1995).				
<i>Ne</i>	AS	19	Perisic, O., et al., "Crystal structure of a diabody, a bivalent antibody fragment," <i>Structure</i> 2:1217-1226, Current Biology Ltd. (1994).				
<i>Ne</i>	AT	19	Sivaprasadarao, A. and Findlay, J.B., "Expression of functional human-retinol-binding protein in <i>Escherichia coli</i> using a secretion vector," <i>Biochem. J.</i> 296:209-215, Biochemical Society/Portland Press (1993).				

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<i>Me</i>	AR	<u>20</u>	NCBI Entrez, GenBank Report, Accession No. E02814, from Habuka, N., et al. (1991).
	AS		
	AT		

EXAMINER	<i>Noticed 1/28/04</i>	DATE CONSIDERED
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